

FIG. 1

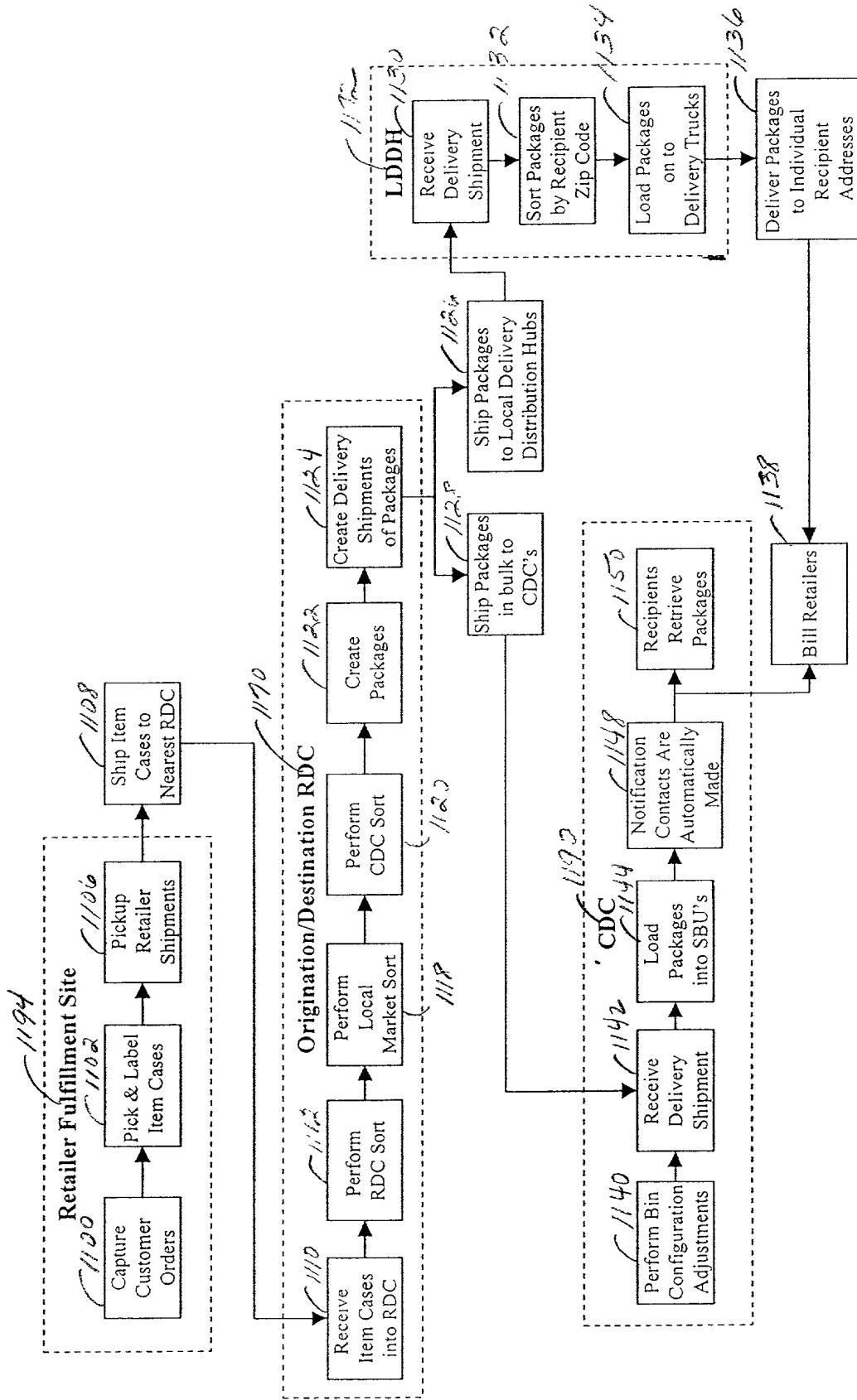


FIG. 1A

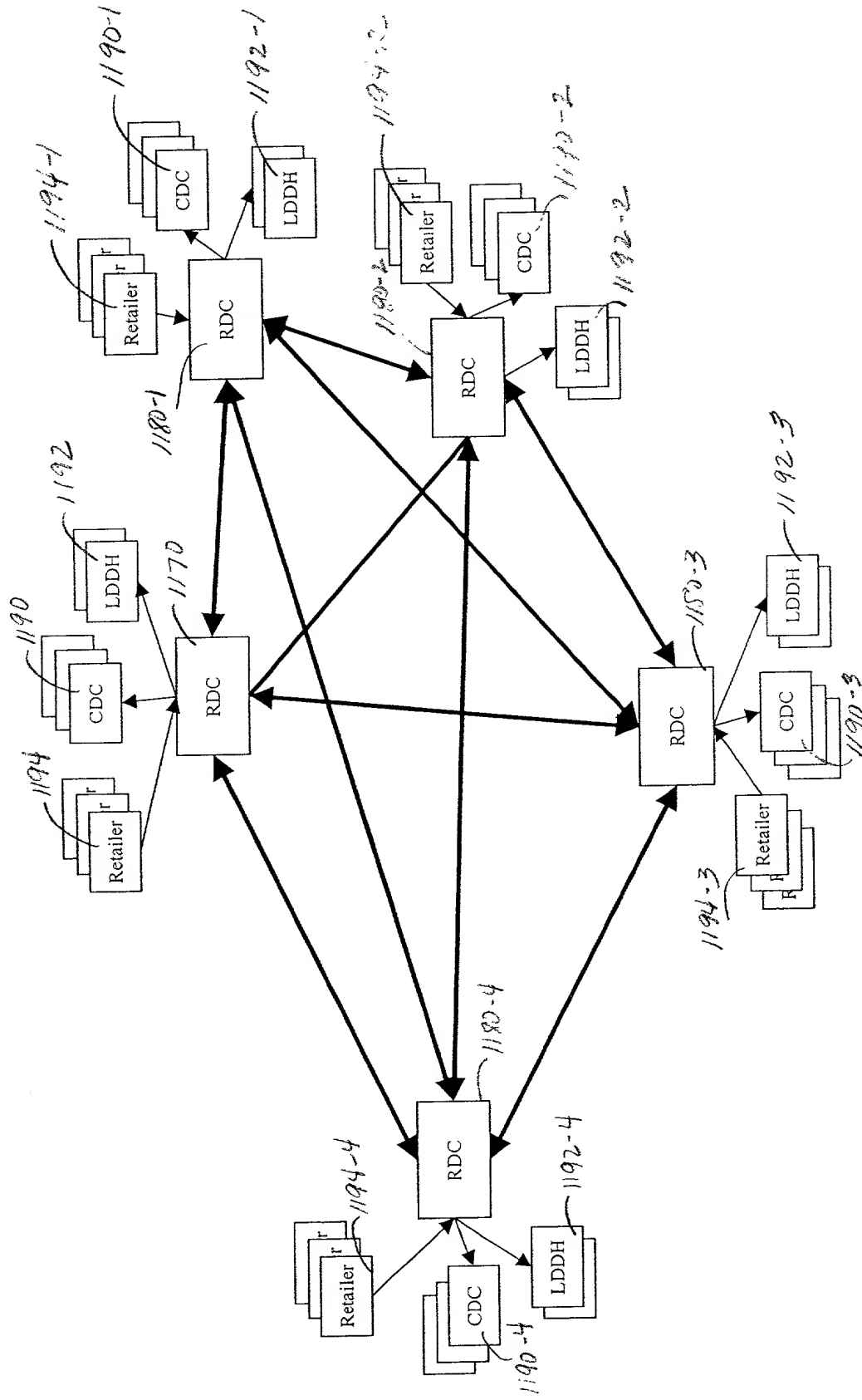


FIG. 2

**FIG 3**

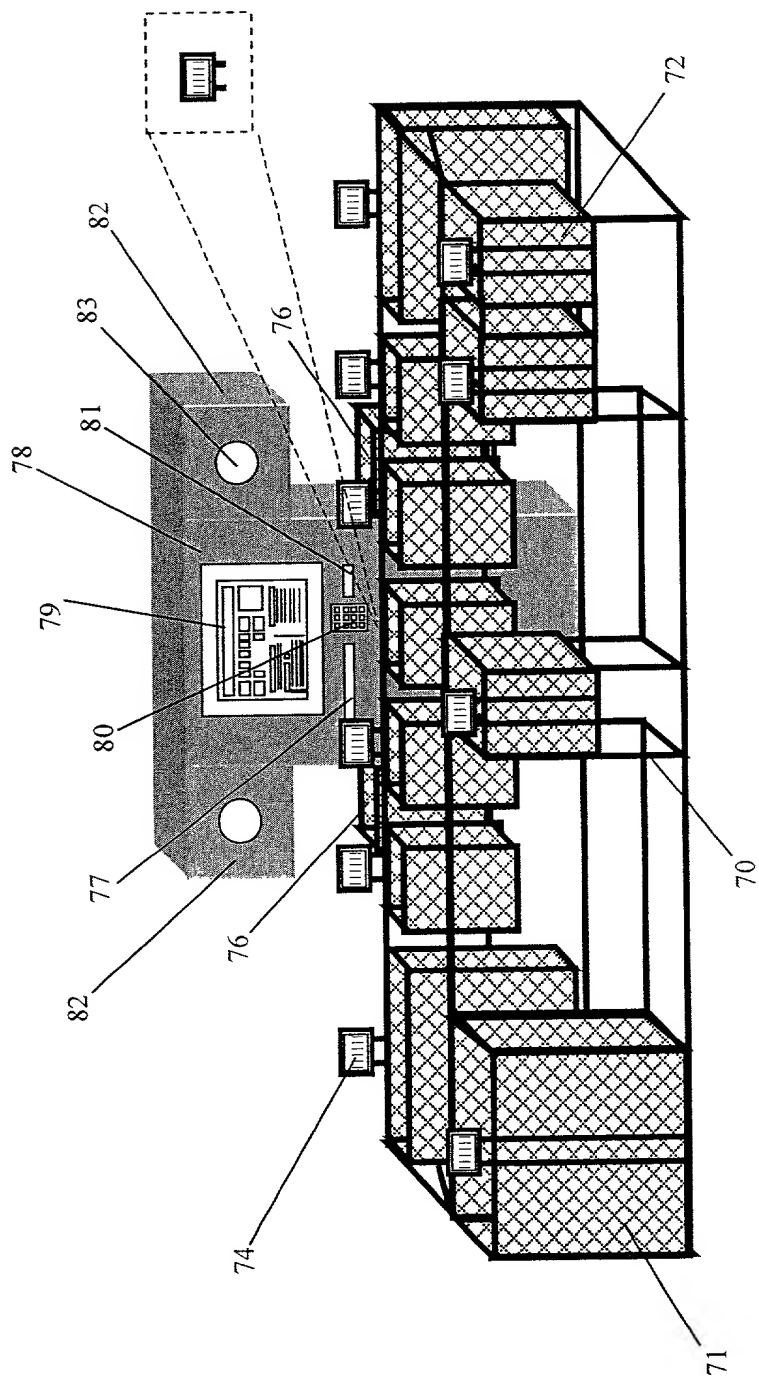


FIG 4

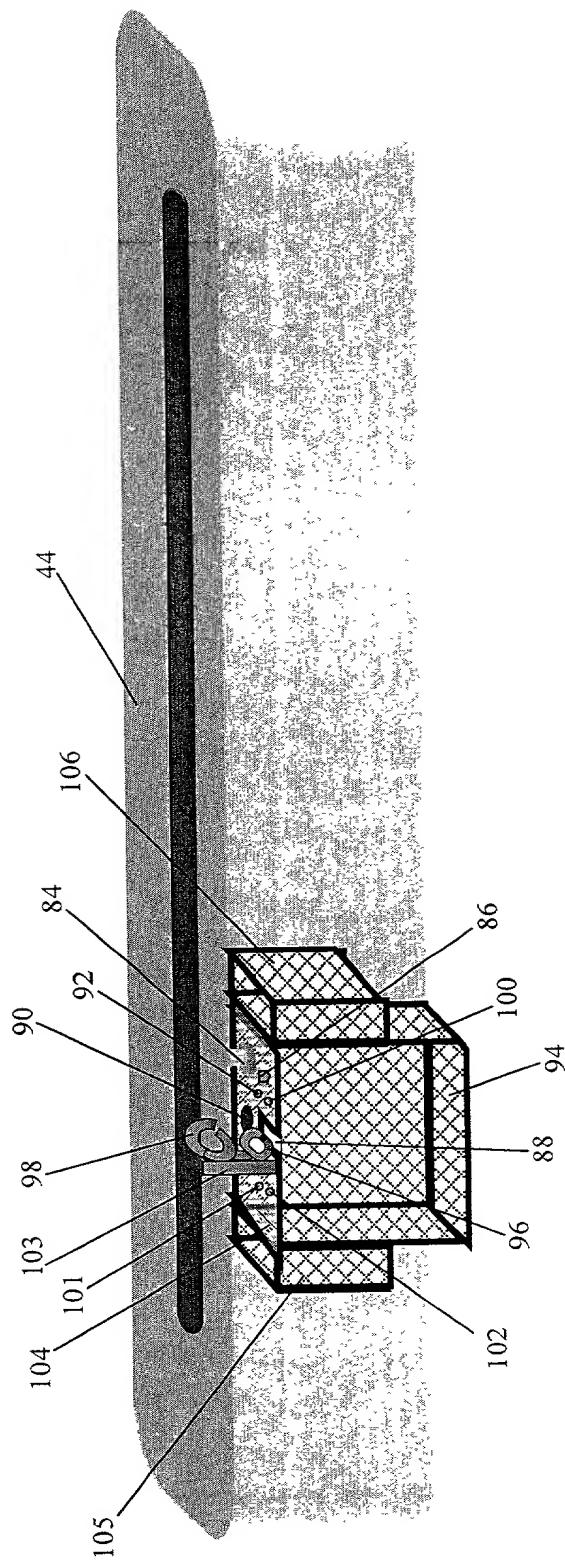


FIG 5

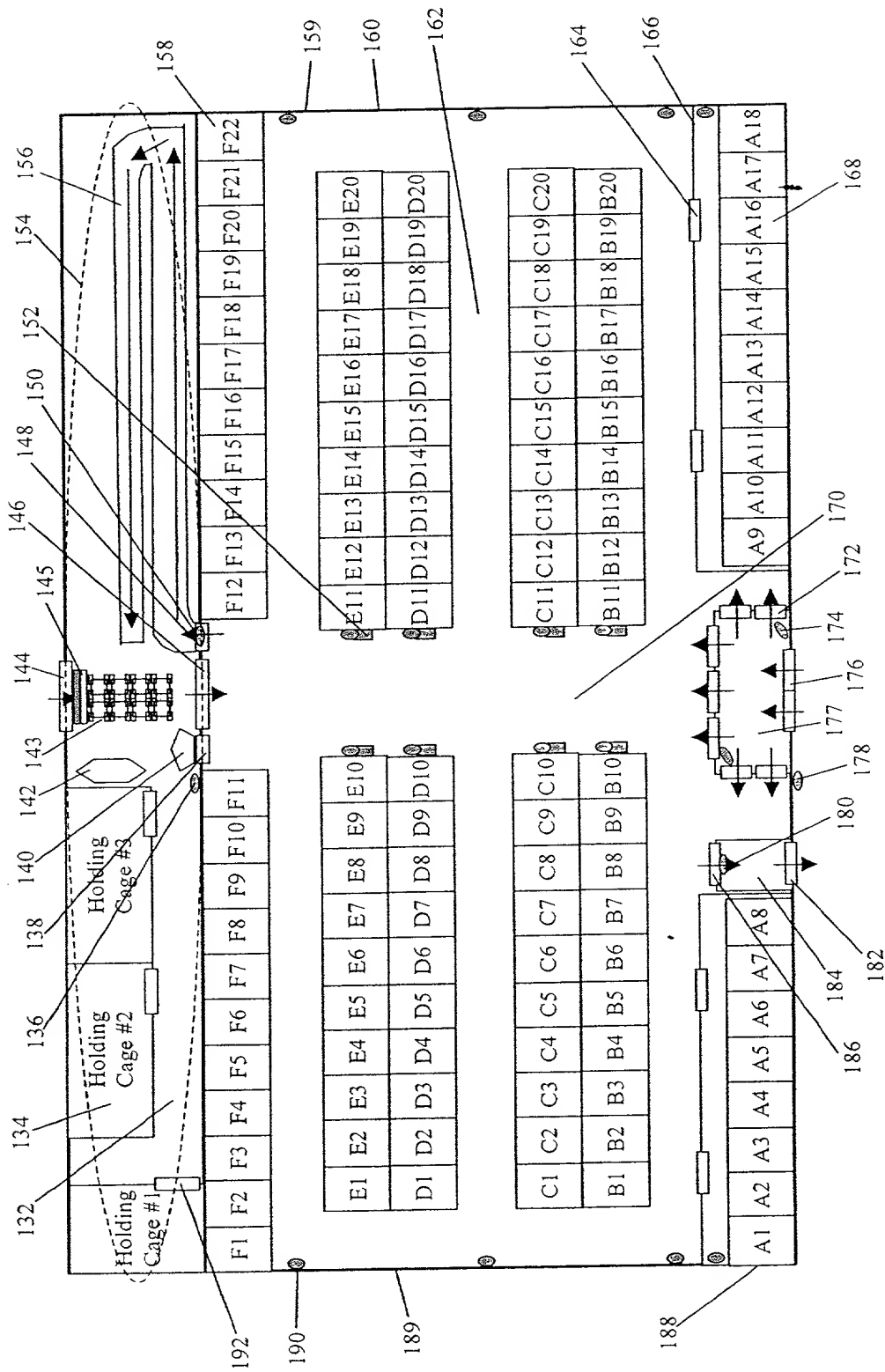


FIG 6

[illegible]

**FIG 7**



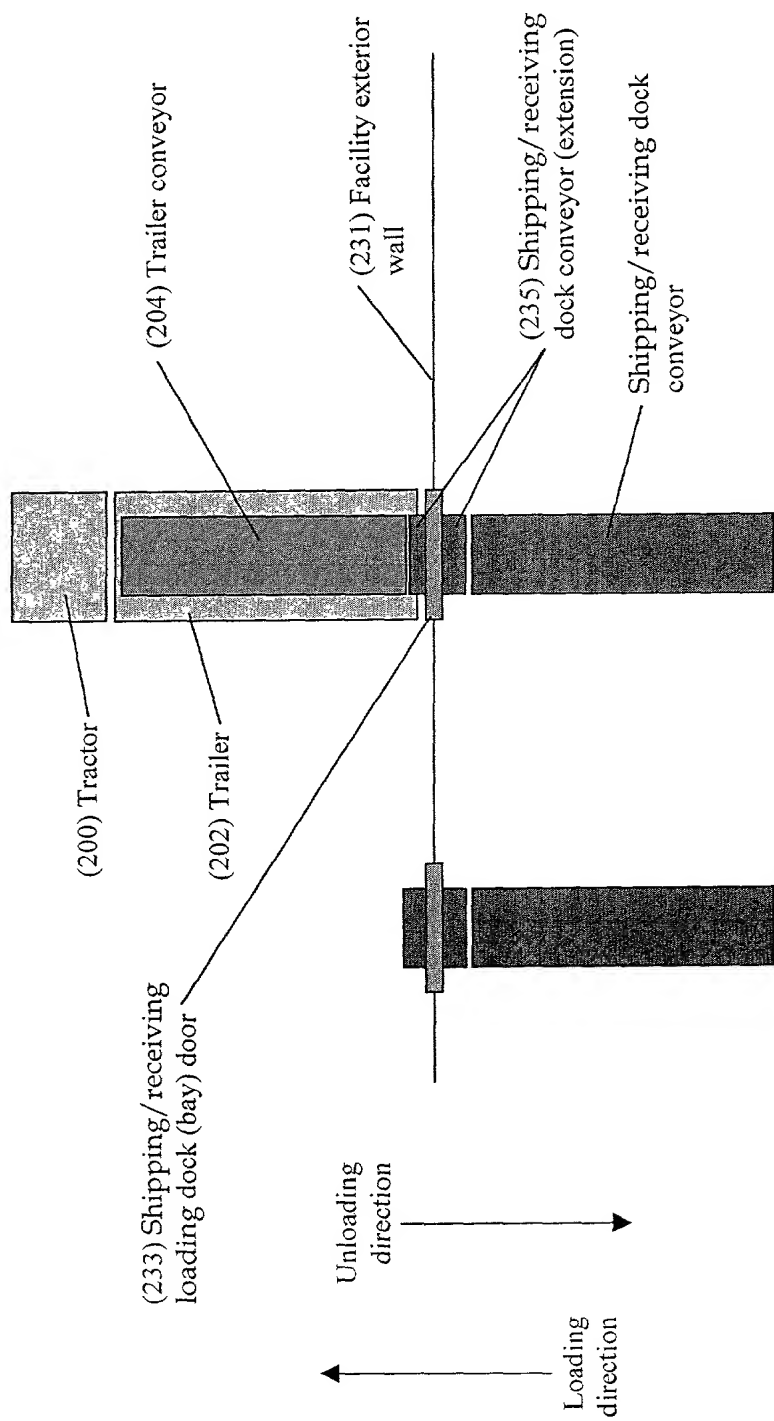


FIG 8

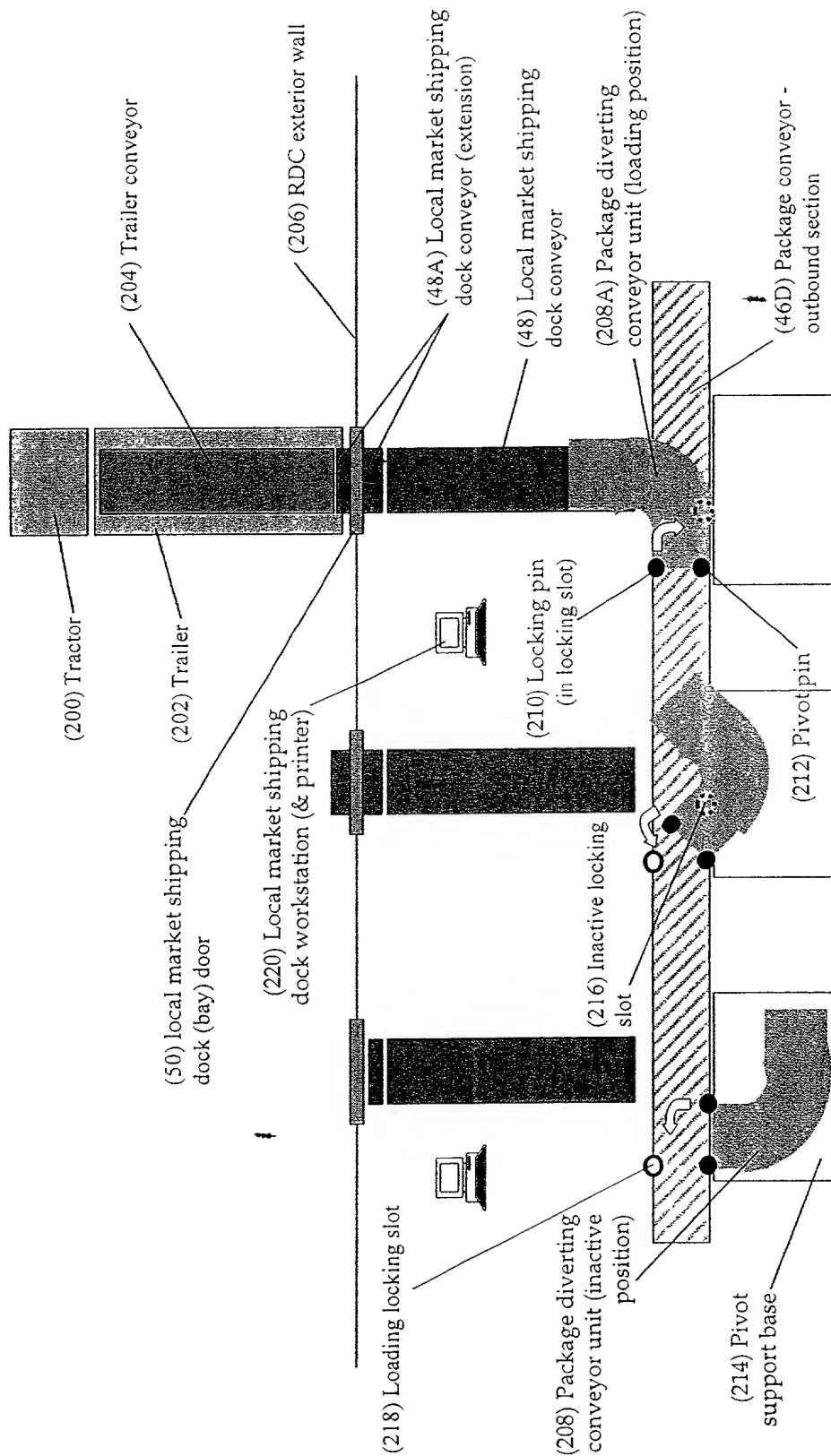


FIG 8A

Order Header table

Order Id	Status	ePD Shipper Id	ePD Retailer Id	Retailer Order Number	Delivery Type	Customer Id	Ordering Customer Id	Order Date/Time	RDC Id	Local Market Id	CDC Id	Partial Ship	Retailer Message-Order Header	Retailer Message-Packing List	Delivery Name	Delivery Address 1	Delivery Address 2	Delivery City	Delivery State	Delivery Zip
amazo001-18362308-5-080300-001	open	epd	amazo001	987654321	ePD	183-62-2085	183-62-2085	08-03-00 14:23:02	AT001	slor	slor-019	No	custom message (for order)	custom message (for retailer)						

Order Detail table

Order Id	Status	SKU	SKU Size	Temperature Code	Quantity	Retailer Shipment Id	RDC Shipment Id	Package Id	Case Id	Retailer Message-Order Detail	Notification Date/Time	Pickup Date/Time
amazo001-18362308-5-080300-001	retailer dock	0123456789	small	standard	1	amazo001-1080300-001	CH001-080300-100001	111221234-AT001-080400-001	123456	custom message (for order line item)	7/12/200 8:10:06 PM	7/13/200 5:43:25 PM

SKU data view

SKU	RDC Id	Quantity
01234567		214
89012345	AT001	

Case data view

SKU	RDC Id	Case Quantity	Item Quantity
01234567		3	11
89012345	AT001		

Case table

Case Id	Status	ePD Retailer Id	SKU	SKU Size	Temperature Code	Quantity	RDC Id	Partial/Mixed Flag	Pick Grouping Id	Retailer Shipment Id	RDC Shipment Id	Local Market Id	CDC Id
amazo001-080300-123456	in RDC	amazo001	01234567890	small	standard	16	SH-001	No	amazo001-080300-PC001	amazo001-080300-001	CH001-080300-000001	slor	slor-019

Pick Grouping table

Pick Grouping Id	Retailer Shipment Id	Case Quantity
amazo001-080300-PC001	amazo001-080300-001	85

FIG. 9A

Retailer Shipment table

Retailer Shipment Id	ePD Status	ePD Retailer Id	ePD Shipper Id	Origin RDC Id	Retailer Employee Id	Trailer Id	Retailer Shipment Date/Time	Receiving Employee Id	Retailer Shipment Date/Time
amaz001-080300-001	in-transit	amaz001-epd	CI001	333-22-4444	1-detro-	4321	08-03-00 12 15 35	121-34-6565	08-03-00 17 25 08

Retailer Shipment Receiving table

Retailer Shipment Id	Employee Id	Trailer Id	ePD Shipper Id
amaz001-080300-001	121-34-6565	1-detro-4321	epd

RDC Shipment table

RDC Shipment Id	ePD Status	ePD Shipper Id	Origin RDC Id	RDC Shipping Dock Id	RDC Shipment Prep Date/Time	RDC Shipment Trailer Date/Time	RDC Shipment Train Date/Time	RDC Shipment Arrival Date/Time	Desatiation RDC Id	Employee Id #1	Employee Id #2	Employee Id #3	Employee Id #4	Employee Id #5	Trailer Loading Employee Id	Trailer Loading Employee Id	Receiving Employee Id	Trailer Id	Carrier Id
CH001-080300-00001	received	epd	CH001	CH001-R01	08-03-00 22:21:35	08-04-00 07:01:43	08-04-00 07:22:43	08-04-00 12:30:39	AT001	333-22-4441	333-22-4441	333-22-4444	333-22-4443	333-22-4442	220-22-0022	454-66-7887	mob99-1234	1234	12345

RDC Shipment Receiving table

RDC Shipment Id	ePD Status	ePD Shipper Id	Origin RDC Id	Desatiation RDC Id	Trailer Id	Receiving Employee Id	Case Id
CH001-080300-00001	new	epd	CH001	AT001	mob99-1234	454-66-7887	amaz001-080300-123456

Local Market Order List data view

Local Market Id	ePD Retailer Id	SKU	Quantity (Needed)
amaz001	0123456789	01234567	80

Local Market Case Inventory data view

Local Market Id	ePD Retailer Id	SKU	Quantity
amaz001	0123456789	01234567	48

CDC Order List data view

CDC Id	ePD Retailer Id	SKU	Quantity (Needed)
amaz001-019	amaz001	0123456789	8

FI 9B

CDC Case Inventory data view

CDC Id	ePD Retailer Id	SKU	Quantity
sf01-019	amaz001	01234567	16

1226

Customer by SKU Order List data view

CDC Id	ePD Retailer Id	SKU	Customer Id	Temperature Code	SKU Size	Quantity (Needed)
sf01-019	amaz001	01234567	183-62-3085	standard	small	1

1228

SKU by Customer Order List data view

CDC Id	Customer Id	Temperature Code	SKU	SKU Size	Quantity (Needed)
sf01-019	amaz001	1234567	small	1	1

1230

Open Package List data view

CDC Id	Packing Employee Id	Customer Id	Temperature Code	Package Holder Id	Package Size
sf01-019	323-55-608	183-62-3085	standard	sf01-019- PS01-RH01	1

1232

Package table

Package Id	Status	Package Size	Temperature Code	ePD Shipper Id	Customer Id	RDC Id	CDC Id	Packing Employee Id	Package Bag Holder Id	Delivery Shipment Id
111221234- A1001- 080400- 001	closed	1 standard	epd	183-62-3085	AT001	sf01-019	323-55-6084	PS01-BH01	CH001-001	080300

1234

Package Bag Holder table

Package Bag Holder Id	CDC Id	Status	Package Bag Holder Size	Package Employee Id
sf01-019- PS01- BH01	sf01-019	package	small	323-55-6084

1236

FIG. 9C

FIG. 9D

Delivery Shipment table

Delivery Shipment Id	Status	ePD Shipment Id	RDC Id	CDC Id	Temperature Code	RDC Employee Id	Trailer Loading Employee Id	Trailer Id	Delivery Shipment Loading Date/Time	CDC Employee Id	Delivery Shipment Arrival Date/Time
CH001-sflor-019-080300-001	in-transit	epd	CI 1001	sflor-019	standard	824-08-5432	333-22-4442	1-detroit-4321	08-04-00 16:41:20	333-22-4444	08-04-00 19:15:28

1238

RDC/CDC Package Inspection Report Header table

Report Id	Case Id	ePD Retailer Id	SKU	Quantity Difference	RDC Id
RPI-AT001-082900-001	amazon-080300-123456	amazon001	01234567890	-1	A1001

1240

RDC Package Inspection Report Detail table

Report Id	Quantity	Package Id	Package Status	Delivery Shipment Id	CDC Id
RPI-AT001-082900-001	3	080400-001	CDC processing	CH001-001	sflor-019

1242

CDC Package Inspection Report Detail table

Report Id	Quantity	Package Id	Package Status	Delivery Shipment Id	SBU Id	Master Bui Id	LDDH Delivery Vehicle Id	Inspection Authorization Code	Over Quantity Adjustment Code	Short Quantity Adjustment Code
CP1-AT001-082900-001	2	080400-001	CDC processing	CH001-001	080300	A01-01-0234				

1244

Retailer table

ePD Retailer Id	Retailer Description	Status	Connection Script	Comments	Local Market Id	Address 1	Address 2	City	State	Zip	Contact Number	Returns Facility Id	Returns Local Market Id	Returns Address 1	Returns Address 2	Returns City	Returns State	Returns Zip	Returns Contact Number
amazon001	Amazon.com - Midwest	active	"connection string"		chca	2609 W Butler Ave		Chicago	IL	25652	303-619-1823	amazon001	RE-001	1102 F Verde Highway		San Mateo	CA	90455	609-455-7219

Item Inventory table

ePD Retailer Id	SKU	Warehouse Location	Status	Quantity	Temperature Code
amazon001	012345678	01234567	shippable	60	standard

1248

1246

FIG. 9D

SKU table

SKU	Status	Standard Case Quantity	SKU Size	Temperature Code	Product Description
01234567	active	20 small	standard	standard	Hurricanes baseball cap

1250

CDC table

CDC Id	Status	CDC Description	Local Market Id	Type	CDC Server Connection Script	Address 1	Address 2	City	State	Zip	Primary Contact Number	Secondary Contact Number	Temp Code	Reservation Override
sf0r-019	active	Commercial Blvd Location	sf0r	CDC	"connection string"	1510 F Commercial Blvd		Lauderdale	FL	33333	954-321-4321	954-987-9876	40	

1252

Zip Code-CDC table

Zip	CDC #1	Distance	CDC #2	Distance	CDC #3	Distance	CDC #4	Distance	CDC #5	Distance	#5
33333	sf0r-019	0	sf0r-018	5	sf0r-020	5	sf0r-021	10	sf0r-017	17	17

1254

Customer table

Customer Id	PIN	Last Name	First Name	CDC Preference	Previous CDC	Zip Code	Primary Contact Number/Address	Primary Contact Frequency	Primary Calling Window Start Time	Primary Calling Window End Time	Secondary Contact Number/Address	Secondary Calling Window Start Time	Secondary Calling Window End Time	Dual Notification Indicator	ePD Account Balance
123-45-6789	9876	Seinfeld	Jerome	sf0r-019	sf0r-019	33333	954-565-4444	24	8:00	21:00	customer@mindspring.com			yes	0

1255

RDC table

RDC Id	ePD Shipper Id	Status	RDC Server Connection Script	Address 1	Address 2	City	State	Zip
AT001	epd	active	"connection string"	1700 W Dolphin St		Atlanta	GA	22314

1258

Shopper table

ePD Shipper Id	Status
epd	active

1260

Packing Material Restocking Counter table

CDC Id	Type	Quantity
sf0r-019	carp cage	3

1262

RDC-Local Market table

RDC Id	Local Market Id	Shipper Id	Market Id
AT001	epd	sf0r	trah

1264

FIG. 9E

### Item Return Header table

Item Return Id	epD Shipper Id	Customer Id	CDC Id	epD Retailer Id	RDC Id	Returns Local	Item Return Creation Date/Time	CDC Reverse Shipment Id	Original Order Delivery Type	Original Order CDC Id	RDC Shipment Id	RDC Returns Shipment Id	Item Return Retailer Receipt Date/Time
amaz001													
18362208													
5-sflor019							12-06-00	sflor-019- 120600-		CH001- 120600-		CI001- amaz001	
122800-							8 11 19	120600- RS001	epD	sflor-019		120700- 001	12-07-00 13 26 03
IR001	in CDC	183-62-3085	sflor-019	amaz001	CA001	ncab							

1266

Item Return Detail table

[illegible]

1268

CDC Outbound Package table

CDC	Outbound	ePD	Shipping	Delivery	Origination	Recipient	Destination	ROC	Local	Temperature	Weight	Cost	Delivery	Delivery	Delivery
Status	Package	Shipper	Customer	Type	CDC	Customer	CDC	Id	Market	Code			Address	City	State
4-	88822424														
080400-															
001			111-22-1234	ePD	sflor-019-	888-22-4244	inv-ah-005	A1001	sflor	standard	5.75	\$3.00			

1270

CDC Outbound Package table (continued)

Payment Method	Payment Card Number	Payment Card Authorization	Payment CDC Reversal Shipment Id	Package Shipment Id	Delivery Shipment Id	Notification Date/Time	Pickup Date/Time
Credit Card	274512346423456000	798787567RS001	400-019-120600-120600-00001	CF001-120600-00001	C1001-0011080300	12/12/2000 8:10:06 PM	12/13/2000 5:43:25 PM

CDC Reverse Shipment Table

CDC Reverse Shipment Id	Status	CDC Id	ePD Shipper Id	Original RDC Id	Shipment Creation Employee Id	Loading Employee Id	Trailer Id	CDC Reverse Shipment Date/Time	Receiving Employee Id	CDC Reverse Shipment Arrival Date/Time
sfor-019.								12-06-00		
R5001	In Transit	Sfor-019	enr	CH003	333-22-4444	444-33-5555	-id=4721	12 15 35	121-34-6568	17 25 08

1274

FIG. 94



REF ID: A6607850

RDC Returns Shipment table

RDC Returns Shipment Id	Status	epd Shipper Id	epd Retailer Id	RDC Id	Temperature Code	RDC Employee Id #1	RDC Employee Id #2	RDC Employee Id #3	RDC Employee Id #4	RDC Employee Id #5	Trailer Loading Employee Id	Trailer Id	RDC Returns Shipment Loading Date/Time	RDC Returns Shipment Arrival Date/Time
CJ1001-120700-001	open	epd	amazon001	CH001	standard	824-08-5432						333-22-444	08-04-00 16:41:20	08-04-00 19:15:28

1276

Order Header History table

Order Id	Status	epd Shipper Id	epd Retailer Id	Retailer Order Number	Delivery Type	Customer Id	Ordering Customer Id	Order Date/Time	RDC Id	Local Market Id	Partial Ship	Retailer Message-Order Header	Retailer Message-Packing List	Delivery Name	Delivery Address 1	Delivery Address 2	Delivery City	Delivery State	Delivery Zip
amazon001-18362308-5-080300-001	picked up	epd	amazon001		epd	183-62-3085	183-62-3085	08-03-00 14:23:02	AT001			custom message (for order)	custom message (for retailer)						

1278

Order Detail History table

Order Id	Status	SKU	SKU Size	Temperature Code	Quantity	Retailer Shipment Id	RDC Shipment Id	Package Id	Case Id	Retailer Message-Order Detail	Notification Date/Time	Pickup Date/Time
amazon001-18362308-5-080300-001	picked up	0123456789	small	standard		amazon001-180000001	CH001-080300-00001	111221234-AT001-080300-00001	amazon001-080300-123456	custom message (for order line item)	7/12/2008 10:06 PM	7/13/2008 5:43:25 PM

1280

FIG. 95

Bin Inventory table

Bin Id	SBU Id	Master Bin Id	Bin Size	Configuration Code	Temperature Code	Customer Id	PIN	Quick Code	Package Id	Status	Delivery Employee Id	ePD Shipper Id	Delivery Date/Time	Notification Date/Time
A01-01-0234	A01	01		3	234 standard	183-62-3085	9999		1111 080400-001	notified	183-62-3085	ePackage Depot	7/12/2000 8 05 22 PM	7/12/2000 8 10 06 PM

1300

Bin Availability data view

Bin Size	Temperature Code	Quantity
3 standard		47

1301

Bin Reservation table

Bin Size	Temperature Code	ePD Shipper Id	Reservation Date/Time	Quantity	Trailer Loading Employee Id	Status
3 standard		ePackage Depot	7/11/20 11:33:04 PM	11	183-44-114288	new

1302

Reserved Bins data view

Bin Size	Temperature Code	Quantity
3 standard		19

1303

Pending Bin Configuration Adjustments table

Bin Size	Temperature Code	Quantity Adjustment
3 standard		-1

304

Unreserved Bins data view

Bin Size	Temperature Code	Quantity
3 standard		28

1305

16.10A



Notification Queue table

Custo mer Id	Record Date/ Time	Total Number of Packages	New Indicator	First Notificati on Date/Ti me	Last Primary Contact Date/ Time	Last Secondary Contact Date/Ti me	Next Primary Contact Date/Time	Next Secondary Contact Date/Time	Number of Primary Attempts	Number of Secondary Attempts	Next Contact Date/ Time
123-45- 6789	08:06 22 PM		1	yes	null	null	null	null	0	0	null

1311

Package Pickup table

CDC Id	Bin Id	SBU Id	Master Bin Id	Config ation Code	Bin Size	Temper ature Code	Customer Id	PIN	Quick Code	Package Id	Delivery Employee Id	Shupper Id	Delivery Date/Time	Notificatio n Date/Time	Pickup Date/Time
sf10- 019	A01-01- 0234	A01	01	234	3	standard	183-62-3085	9999	1111	080400-001	183-62- 1085	cPackage Depot	7/12/2000 8 05 22 PM	7/12/2000 8 10 06 PM	7/13/2000 5 43 25 PM

1312

Quick Code table

Quick Code
1114

1313

SBU Settings table

Load Position Master SBU Id	Door Configurat ion Code
A01	16 100

1314

Bin Movement table

Load Position Master Bin Id	Move- ment needed for Master Bin Id	Move- ment needed for Master Bin Id	Move- ment needed for Master Bin Id
16	-3	-4	-x

1315

FIG. 10C

TABLE "E060F860"

Master Bin by Movement table <sup>(1)</sup>

Load Position	Master Bin After Movement 0	Master Bin After Movement 1	Master Bin After Movement -1	Master Bin After Movement 2	Master Bin After Movement -2	Master Bin After Movement [x]
Bin Id	16	15	17	14	18	[x]

1316

CDC Outbound Package Cost Calculation table

CPD Shipper Id	Originator CDC Id	Destination CDC Id	Starting Weight Range	Ending Weight Range	Package Size	Cost
cpd	sflor-019	ncali-005	0	3	1	\$3.00

1317

FIG. 10D

## Application listing

	Application Name	Application Server(s)
	ePD Billing and Maintenance Application	Corporate
	ePD Shipping Application	Retailer, RDC
	ePD Delivery Application	RDC, CDC
	ePD SBU Application	CDC

## Program listing

Ref #	Program Name	Application
(310)	Pick List Report Program	ePD Shipping Application (retailer's instance)
(311)	Receive RDC Returns Shipment Data Program	ePD Shipping Application (retailer's instance)
(312)	Retailer Shipment Program	ePD Shipping Application (retailer's instance)
(313)	Receive RDC Returns Shipment Program	ePD Shipping Application (retailer's instance)
(314)	Retailer Shipment Adjustments Program	ePD Shipping Application (retailer's instance)
(315)	Retailer Package Creation Program	ePD Shipping Application (retailer's instance)
(316)	Receive Retailer Shipment Program	ePD Shipping Application (shipper's instance, origination RDC)
(317)	Receive RDC Reverse Shipment Data Program	ePD Shipping Application (shipper's instance, destination RDC)
(318)	RDC Shipment Program	ePD Shipping Application (shipper's instance, origination RDC)
(319)	Receive RDC Reverse Shipment Program	ePD Shipping Application (shipper's instance, destination RDC)
(320)	RDC Shipment Loading Program	ePD Shipping Application (shipper's instance, origination RDC)
(322)	Train Loading Program	ePD Shipping Application (shipper's instance, origination RDC)
(324)	Receive RDC Shipment Program	ePD Shipping Application (shipper's instance, destination RDC)
(326)	Local Market Sort Program	ePD Shipping Application (shipper's instance, destination RDC)
(328)	CDC Sort Program	ePD Shipping Application (shipper's instance, destination RDC)
(330)	Package Creation Program	ePD Delivery Application (shipper's instance, destination RDC)
(332)	Packing List Report Program	ePD Delivery Application (shipper's instance, destination RDC)
(334)	RDC Package Inspection Report Program	ePD Delivery Application (shipper's instance, destination RDC)
(336)	CDC Package Inspection Report Program	ePD Delivery Application (shipper's instance, destination RDC)
(338)	Packing Adjustment Program	ePD Delivery Application (shipper's instance, destination RDC)
(340)	Delivery Shipment Creation Program	ePD Delivery Application (shipper's instance, destination RDC)

FIG. 1

Ref #	Program Name	Application
(341)	RDC Returns Shipment Creation Program	ePD Delivery Application (shipper's instance, destination RDC)
(342)	Delivery Shipment Program	ePD Delivery Application (shipper's instance, destination RDC)
(343)	RDC Returns Shipment Data Transfer Program	ePD Delivery Application (shipper's instance, destination RDC)
(344)	Configuration Adjustments Report Program	ePD Delivery Application (shipper's instance, destination RDC)
(345)	Shipment Adjustments Report Program	ePD Delivery Application (shipper's instance, destination RDC)
(346)	Packing Materials Supply Program	ePD Delivery Application (shipper's instance, destination RDC)
(347)	Notification Update Program	ePD Delivery Application (shipper's instance, destination RDC)
(348)	Pickup Update Program	ePD Delivery Application (shipper's instance, destination RDC)
(349)	Billing Program	ePD Delivery Application (shipper's instance, destination RDC)
(350)	CDC Package Adjustment Program	ePD SBU Application
(352)	SBU Configuration Program	ePD SBU Application
(354)	Loading Guide Report Program	ePD SBU Application
(356)	Loading Program	ePD SBU Application
(358)	New Package Notification Program	ePD SBU Application
(360)	Notification Program	ePD SBU Application
(362)	Auto-call Program	ePD SBU Application
(364)	Auto-e-mail Program	ePD SBU Application
(366)	E-mail Error Checking Program	ePD SBU Application
(368)	Package Location Report Program	ePD SBU Application
(370)	Unloading Program	ePD SBU Application
(372)	Bin Positioning Program	ePD SBU Application
(374)	Re-open Program	ePD SBU Application
(376)	Quick Code Reset Program	ePD SBU Application
(378)	CDC Returns Program	ePD SBU Application
(380)	CDC Outbound Package Creation Program	ePD SBU Application
(382)	CDC Reverse Shipment Creation Program	ePD SBU Application
(384)	CDC Reverse Shipment Program	ePD SBU Application
(386)	CDC Reverse Shipment Maintenance Program	ePD SBU Application
(388)	RDC Returns Shipment Update Program	ePD Delivery Application (shipper's instance, destination RDC)

FIG. 11B

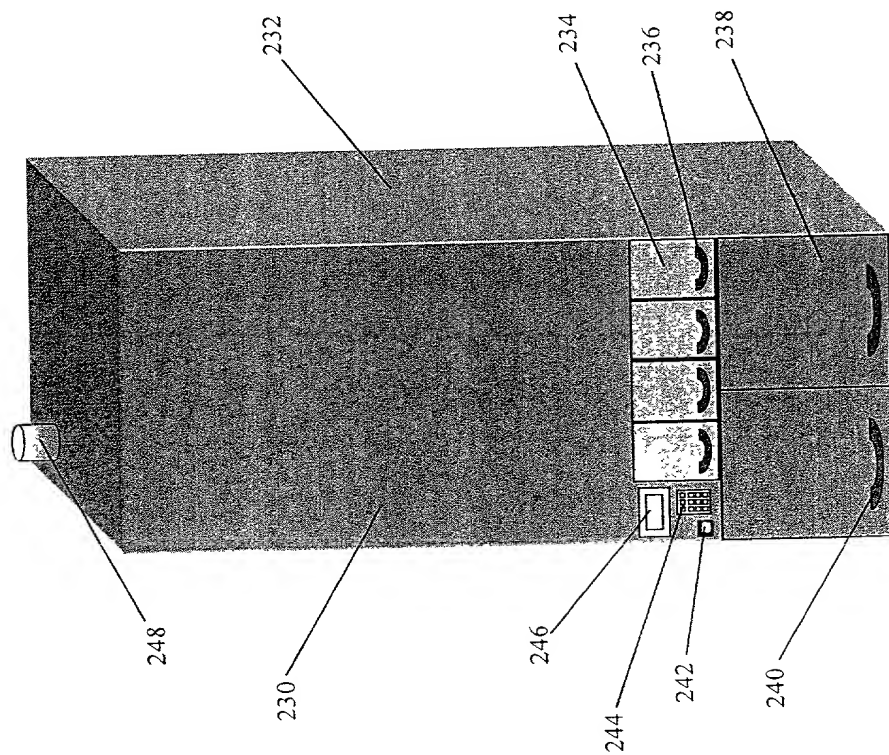


FIG 12 – SmartBin Unit (front external view)



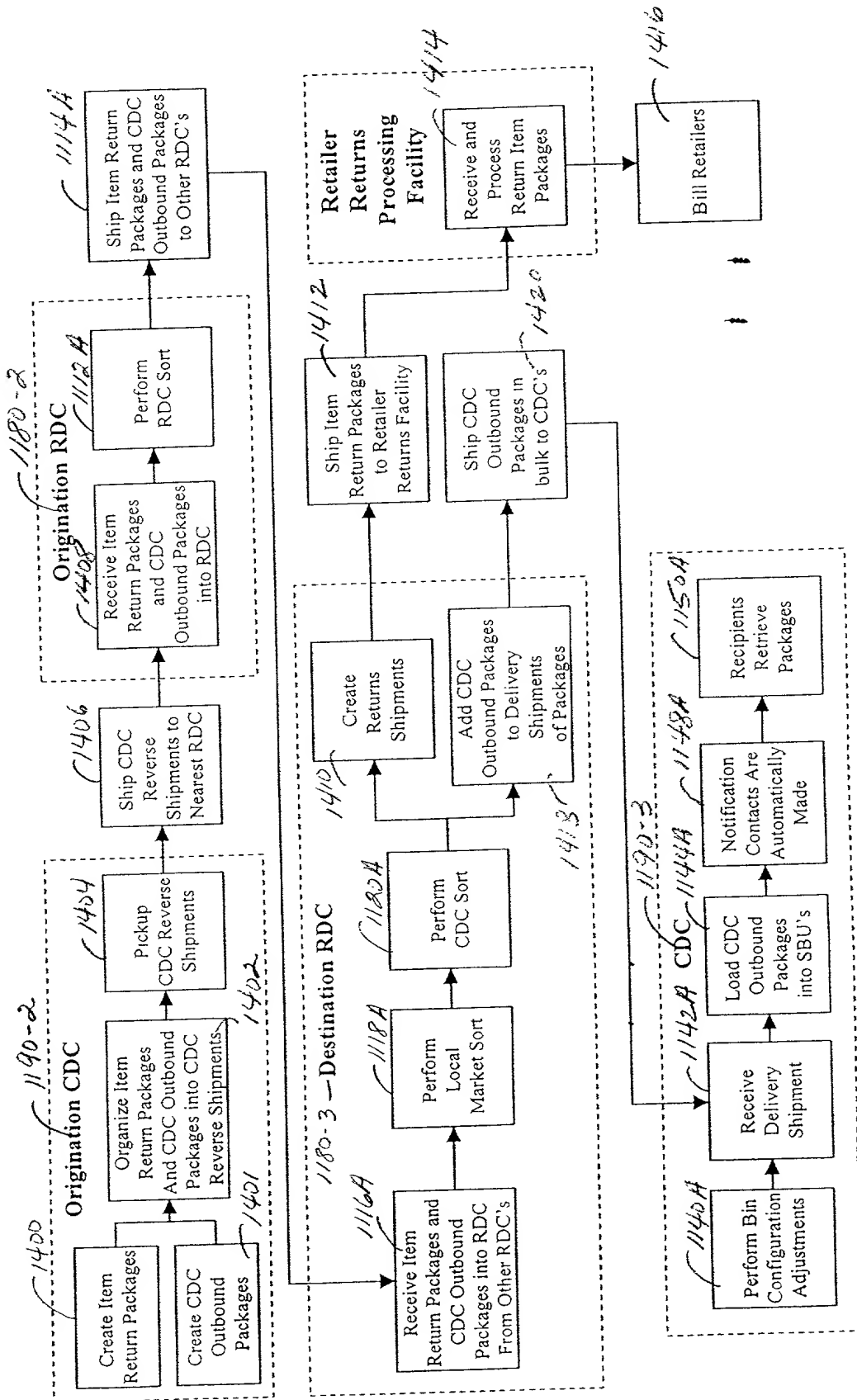


FIG. 13